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NEWS 4 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 5 MAY 10 CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 6 MAY 11 KOREPAT updates resume
NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 8 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAplus and
USPATFULL/USPAT2
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAplus
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:44:16 ON 19 JUL 2006

=> file biosis
COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY SESSION
0.21 0.21

FILE 'BIOSIS' ENTERED AT 15:44:25 ON 19 JUL 2006
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FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 12 July 2006 (20060712/ED)

=> s (karite or "African butter" or shetoulou or "shea butter" or "shea tree" or
gharitti or "Butyrospermum parkii" or "butter seed" or "Vitellaria paradoxa") and
pd<20030630 and saponin

20 KARITE
72263 "AFRICAN"
2117 "AFRICANS"
73167 "AFRICAN"
 ("AFRICAN" OR "AFRICANS")
4676 "BUTTER"
169 "BUTTERS"
4724 "BUTTER"
 ("BUTTER" OR "BUTTERS")
0 "AFRICAN BUTTER"
 ("AFRICAN" (W) "BUTTER")
0 SHETOLOU
255 "SHEA"
1 "SHEAS"
256 "SHEA"
 ("SHEA" OR "SHEAS")
4676 "BUTTER"
169 "BUTTERS"
4724 "BUTTER"
 ("BUTTER" OR "BUTTERS")
48 "SHEA BUTTER"
 ("SHEA" (W) "BUTTER")
255 "SHEA"
1 "SHEAS"
256 "SHEA"
 ("SHEA" OR "SHEAS")
94779 "TREE"
74655 "TREES"
137988 "TREE"
 ("TREE" OR "TREES")
21 "SHEA TREE"
 ("SHEA" (W) "TREE")
0 GHARITI
39 "BUTYROSPERMUM"
33 "PARKII"
24 "BUTYROSPERMUM PARKII"
 ("BUTYROSPERMUM" (W) "PARKII")
4676 "BUTTER"
169 "BUTTERS"
4724 "BUTTER"
 ("BUTTER" OR "BUTTERS")
129425 "SEED"
78959 "SEEDS"
165153 "SEED"

("SEED" OR "SEEDS")
 4 "BUTTER SEED"
 ("BUTTER" (W) "SEED")
 469 "VITELLARIA"
 1 "VITELLARIAS"
 469 "VITELLARIA"
 ("VITELLARIA" OR "VITELLARIAS")
 1438 "PARADOXA"
 64 "VITELLARIA PARADOXA"
 ("VITELLARIA" (W) "PARADOXA")
 13683345 PD<20030630
 (PD<20030630)
 5795 SAPONIN
 4237 SAPONINS
 8578 SAPONIN
 (SAPONIN OR SAPONINS)
 L1 1 (KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SHEA BUTTER" OR
 "SHEA TREE" OR GHARITTI OR "BUTYROSPERMUM PARKII" OR "BUTTER
 SEED" OR "VITELLARIA PARADOXA") AND PD<20030630 AND SAPONIN

=> d 11 1 ti

L1 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI Biochemical and histological alterations in the liver of the broiler after
 ingestion of vegetable saponins and effects of dietary
 supplementation with adsorbents or methyl donor.

=> s (karite or "African butter" or shetoulou or "shea butter" or "shea tree" or
 gharitti or "Butyrospermum parkii" or "butter seed" or "Vitellaria paradoxa") and
 pd<20030630 and (waste or waste or "lees" or "by-product" or "by product" or spent
 UNMATCHED LEFT PARENTHESIS 'AND (WASTE'

The number of right parentheses in a query must be equal to the
 number of left parentheses.

=> s (karite or "African butter" or shetoulou or "shea butter" or "shea tree" or
 gharitti or "Butyrospermum parkii" or "butter seed" or "Vitellaria paradoxa") and
 pd<20030630 and (waste or waste or "lees" or "by-product" or "by product" or spent)
 20 KARITE
 72263 "AFRICAN"
 2117 "AFRICANS"
 73167 "AFRICAN"
 ("AFRICAN" OR "AFRICANS")
 4676 "BUTTER"
 169 "BUTTERS"
 4724 "BUTTER"
 ("BUTTER" OR "BUTTERS")
 0 "AFRICAN BUTTER"
 ("AFRICAN" (W) "BUTTER")
 0 SHETOULOU
 255 "SHEA"
 1 "SHEAS"
 256 "SHEA"
 ("SHEA" OR "SHEAS")
 4676 "BUTTER"
 169 "BUTTERS"
 4724 "BUTTER"
 ("BUTTER" OR "BUTTERS")
 48 "SHEA BUTTER"
 ("SHEA" (W) "BUTTER")

255 "SHEA"
1 "SHEAS"
256 "SHEA"
("SHEA" OR "SHEAS")
94779 "TREE"
74655 "TREES"
137988 "TREE"
("TREE" OR "TREES")
21 "SHEA TREE"
("SHEA" (W) "TREE")
0 GHARITTI
39 "BUTYROSPERMUM"
33 "PARKII"
24 "BUTYROSPERMUM PARKII"
("BUTYROSPERMUM" (W) "PARKII")
4676 "BUTTER"
169 "BUTTERS"
4724 "BUTTER"
("BUTTER" OR "BUTTERS")
129425 "SEED"
78959 "SEEDS"
165153 "SEED"
("SEED" OR "SEEDS")
4 "BUTTER SEED"
("BUTTER" (W) "SEED")
469 "VITELLARIA"
1 "VITELLARIAS"
469 "VITELLARIA"
("VITELLARIA" OR "VITELLARIAS")
1438 "PARADOXA"
64 "VITELLARIA PARADOXA"
("VITELLARIA" (W) "PARADOXA")
13683345 PD<20030630
(PD<20030630)
107185 WASTE
11075 WASTES
110110 WASTE
(WASTE OR WASTES)
107185 WASTE
11075 WASTES
110110 WASTE
(WASTE OR WASTES)
320 "LEES"
42 "BY"
8 "BIES"
6 "BYES"
56 "BY"
("BY" OR "BIES" OR "BYES")
252603 "PRODUCT"
267102 "PRODUCTS"
471385 "PRODUCT"
("PRODUCT" OR "PRODUCTS")
0 "BY-PRODUCT"
("BY" (W) "PRODUCT")
42 "BY"
8 "BIES"
6 "BYES"
56 "BY"
("BY" OR "BIES" OR "BYES")
252603 "PRODUCT"

267102 "PRODUCTS"
471385 "PRODUCT"
 ("PRODUCT" OR "PRODUCTS")
 0 "BY PRODUCT"
 ("BY" (W) "PRODUCT")
22646 SPENT
 3 SPENTS
22648 SPENT
 (SPENT OR SPENTS)
L2 2 (KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SHEA BUTTER" OR
 "SHEA TREE" OR GHARITI OR "BUTYROSPERMUM PARKII" OR "BUTTER
 SEED" OR "VITELLARIA PARADOXA") AND PD<20030630 AND (WASTE OR
 WASTE OR "LEES" OR "BY-PRODUCT" OR "BY PRODUCT" OR SPENT)

=> d 12 1-2 ti

L2 ANSWER 1 OF 2 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Ecology of elephant population (*Loxodonta africana*) in the Cynegetic Zone
 of Djona (Benin).

L2 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Binding of iron, zinc, and lead ions from aqueous solution by shea
 butter (*Butyrospermum Parkii*) seed husks.

=> d 12 2 ibib

L2 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
ACCESSION NUMBER: 1994:169101 BIOSIS Full-text
DOCUMENT NUMBER: PREV199497182101
TITLE: Binding of iron, zinc, and lead ions from aqueous solution
 by shea butter (*Butyrospermum Parkii*)
 seed husks.
AUTHOR(S): Eromosele, I. C. [Reprint author]; Otitolaye, O. O.
CORPORATE SOURCE: Dep. Chem., Fed. Univ. Technol., Yola, Adamawa State,
 Nigeria
SOURCE: Bulletin of Environmental Contamination and Toxicology, (1994) Vol. 52, No. 4, pp. 530-537.
 CODEN: BECTA6. ISSN: 0007-4861.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 8 Apr 1994
 Last Updated on STN: 10 Apr 1994

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
4.39	4.60

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FILE COVERS 1907 - 19 Jul 2006 VOL 145 ISS 4
FILE LAST UPDATED: 18 Jul 2006 (20060718/ED)

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=> s 11
136 KARITE
2 KARITES
136 KARITE
 (KARITE OR KARITES)
23274 "AFRICAN"
846 "AFRICANS"
23656 "AFRICAN"
 ("AFRICAN" OR "AFRICANS")
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
 ("BUTTER" OR "BUTTERS")
2 "AFRICAN BUTTER"
 ("AFRICAN" (W) "BUTTER")
0 SHETOLOU
848 "SHEA"
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
 ("BUTTER" OR "BUTTERS")
560 "SHEA BUTTER"
 ("SHEA" (W) "BUTTER")
848 "SHEA"
56707 "TREE"
42220 "TREES"
82830 "TREE"
 ("TREE" OR "TREES")
65 "SHEA TREE"
 ("SHEA" (W) "TREE")
0 GHARITTI
90 "BUTYROSPERMUM"
76 "PARKII"
65 "BUTYROSPERMUM PARKII"
 ("BUTYROSPERMUM" (W) "PARKII")
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
 ("BUTTER" OR "BUTTERS")
139461 "SEED"
93150 "SEEDS"
185184 "SEED"
 ("SEED" OR "SEEDS")
12 "BUTTER SEED"
 ("BUTTER" (W) "SEED")
86 "VITELLARIA"

1 "VITELLARIAS"
87 "VITELLARIA"
("VITELLARIA" OR "VITELLARIAS")
635 "PARADOXA"
33 "VITELLARIA PARADOXA"
("VITELLARIA" (W) "PARADOXA")
23664304 PD<20030630
(PD<20030630)
15915 SAPONIN
14422 SAPONINS
20253 SAPONIN
(SAPONIN OR SAPONINS)
L3 10 (KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SHEA BUTTER" OR
"SHEA TREE" OR GHARITTI OR "BUTYROSPERMUM PARKII" OR "BUTTER
SEED" OR "VITELLARIA PARADOXA") AND PD<20030630 AND SAPONIN

=> s 13 and 12
136 KARITE
2 KARITES
136 KARITE
(KARITE OR KARITES)
23274 "AFRICAN"
846 "AFRICANS"
23656 "AFRICAN"
("AFRICAN" OR "AFRICANS")
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
("BUTTER" OR "BUTTERS")
2 "AFRICAN BUTTER"
("AFRICAN" (W) "BUTTER")
0 SHETOULOU
848 "SHEA"
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
("BUTTER" OR "BUTTERS")
560 "SHEA BUTTER"
("SHEA" (W) "BUTTER")
848 "SHEA"
56707 "TREE"
42220 "TREES"
82830 "TREE"
("TREE" OR "TREES")
65 "SHEA TREE"
("SHEA" (W) "TREE")
0 GHARITTI
90 "BUTYROSPERMUM"
76 "PARKII"
65 "BUTYROSPERMUM PARKII"
("BUTYROSPERMUM" (W) "PARKII")
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
("BUTTER" OR "BUTTERS")
139461 "SEED"
93150 "SEEDS"
185184 "SEED"
("SEED" OR "SEEDS")
12 "BUTTER SEED"

("BUTTER" (W) "SEED")
 86 "VITELLARIA"
 1 "VITELLARIAS"
 87 "VITELLARIA"
 ("VITELLARIA" OR "VITELLARIAS")
 635 "PARADOXA"
 33 "VITELLARIA PARADOXA"
 ("VITELLARIA" (W) "PARADOXA")
 23664304 PD<20030630
 (PD<20030630)
 377328 WASTE
 184251 WASTES
 423198 WASTE
 (WASTE OR WASTES)
 377328 WASTE
 184251 WASTES
 423198 WASTE
 (WASTE OR WASTES)
 1932 "LEES"
 1 "LEESES"
 1933 "LEES"
 ("LEES" OR "LEESES")
 0 "BY"
 15 "BIES"
 7 "BYES"
 22 "BY"
 1150897 "PRODUCT"
 1356634 "PRODUCTS"
 2184182 "PRODUCT"
 ("PRODUCT" OR "PRODUCTS")
 0 "BY-PRODUCT"
 ("BY" (W) "PRODUCT")
 0 "BY"
 15 "BIES"
 7 "BYES"
 22 "BY"
 1150897 "PRODUCT"
 1356634 "PRODUCTS"
 2184182 "PRODUCT"
 ("PRODUCT" OR "PRODUCTS")
 0 "BY PRODUCT"
 ("BY" (W) "PRODUCT")
 60655 SPENT
 7 SPENTS
 60659 SPENT
 (SPENT OR SPENTS)
 L4
 0 L3 AND L2

=> d 13 1-10 ti

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Antimicrobial properties and phytochemical constituents of the leaves of
 African mistletoe (*Tapinanthus dodoneifolius* (DC) Danser) (Loranthaceae):
 an ethnomedicinal plant of Hausaland, Northern Nigeria

 L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Value of sheanut cake as a dietary ingredient for broiler chickens

 L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Biochemical and histological alterations in the liver of the broiler after

ingestion of vegetable saponins and effects of dietary supplementation with adsorbents or methyl donor

L3 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
TI Toxicological assessment of native and industrial fermented sheabuttercake in nutrition of broilers

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
TI The determination of the structure of the tetracyclic triterpene alcohol, basseol. II. The dehydrogenation of basseol and of bassenol-triterpenes of the β -amyrenol group

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
TI The contents of the shea nut, the seed of *Butyrospermum parkii*

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
TI Some African oil seeds

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
TI Two principles occurring in the fruit of the argan tree: the oil and glucoside

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
TI The fat-containing seeds of dumori and djave

L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
TI The Seed of *Mimusops djave*

=> d 13 6-9 and 10 ibib
'AND' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PAT5 ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels

ISTD ----- STD, indented with text labels
OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs

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ENTER DISPLAY FORMAT (BIB):ibib

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1943:24552 CAPLUS Full-text
DOCUMENT NUMBER: 37:24552
ORIGINAL REFERENCE NO.: 37:3961i,3962a-b
TITLE: The contents of the shea nut, the seed of
 Butyrospermum parkii
AUTHOR(S): Bauer, K. H.; Moll, H.
SOURCE: Arch. Pharm. (1942), 280, 37-45
 From: Chem. Zentr. 1942, I, 3120.
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1936:4760 CAPLUS Full-text
DOCUMENT NUMBER: 30:4760
ORIGINAL REFERENCE NO.: 30:633g-i,634a-i,635a-i,636a
TITLE: Some African oil seeds
AUTHOR(S): Anon.
SOURCE: Bulletin of the Imperial Institute, London (1935), 33, 271-93
 CODEN: BUIIAD; ISSN: 0366-4279
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1918:9923 CAPLUS Full-text
DOCUMENT NUMBER: 12:9923
ORIGINAL REFERENCE NO.: 12:1686a-g
TITLE: Two principles occurring in the fruit of the argan tree: the oil and glucoside
AUTHOR(S): Moreau, L.; Leulier, A.
SOURCE: Bulletin des Sciences Pharmacologiques (1918), 25(Pt. 2), 81-6
CODEN: BSPHAV; ISSN: 0366-3493
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1914:24086 CAPLUS Full-text
DOCUMENT NUMBER: 8:24086
ORIGINAL REFERENCE NO.: 8:3508e-g
TITLE: The fat-containing seeds of dumori and djave
AUTHOR(S): Perrot, E.
SOURCE: Bulletin des Sciences Pharmacologiques (1914), 21, 173-6
CODEN: BSPHAV; ISSN: 0366-3493
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1911:3241 CAPLUS Full-text
DOCUMENT NUMBER: 5:3241
ORIGINAL REFERENCE NO.: 5:594g-h
TITLE: The Seed of Mimusops djave
AUTHOR(S): Fickendey, E.
SOURCE: Seifensieder-Zeitung (1911), 37, 165,193-4
CODEN: SSZTAW; ISSN: 0371-3296
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

=> s 12

136 KARITE
2 KARITES
136 KARITE
(KARITE OR KARITES)
23274 "AFRICAN"
846 "AFRICANS"
23656 "AFRICAN"
("AFRICAN" OR "AFRICANS")
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
("BUTTER" OR "BUTTERS")
2 "AFRICAN BUTTER"
("AFRICAN" (W) "BUTTER")
0 SHETOLOU
848 "SHEA"
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
("BUTTER" OR "BUTTERS")
560 "SHEA BUTTER"
("SHEA" (W) "BUTTER")
848 "SHEA"

56707 "TREE"
42220 "TREES"
82830 "TREE"
 ("TREE" OR "TREES")
65 "SHEA TREE"
 ("SHEA" (W) "TREE")
0 GHARITTI
90 "BUTYROSPERMUM"
76 "PARKII"
65 "BUTYROSPERMUM PARKII"
 ("BUTYROSPERMUM" (W) "PARKII")
20525 "BUTTER"
826 "BUTTERS"
20611 "BUTTER"
 ("BUTTER" OR "BUTTERS")
139461 "SEED"
93150 "SEEDS"
185184 "SEED"
 ("SEED" OR "SEEDS")
12 "BUTTER SEED"
 ("BUTTER" (W) "SEED")
86 "VITELLARIA"
1 "VITELLARIAS"
87 "VITELLARIA"
 ("VITELLARIA" OR "VITELLARIAS")
635 "PARADOXA"
33 "VITELLARIA PARADOXA"
 ("VITELLARIA" (W) "PARADOXA")
23664304 PD<20030630
 (PD<20030630)
377328 WASTE
184251 WASTES
423198 WASTE
 (WASTE OR WASTES)
377328 WASTE
184251 WASTES
423198 WASTE
 (WASTE OR WASTES)
1932 "LEES"
1 "LEESES"
1933 "LEES"
 ("LEES" OR "LEESES")
0 "BY"
15 "BIES"
7 "BYES"
22 "BY"
1150897 "PRODUCT"
1356634 "PRODUCTS"
2184182 "PRODUCT"
 ("PRODUCT" OR "PRODUCTS")
0 "BY-PRODUCT"
 ("BY" (W) "PRODUCT")
0 "BY"
15 "BIES"
7 "BYES"
22 "BY"
1150897 "PRODUCT"
1356634 "PRODUCTS"
2184182 "PRODUCT"
 ("PRODUCT" OR "PRODUCTS")

0 "BY PRODUCT"
("BY" (W) "PRODUCT")
60655 SPENT
7 SPENTS
60659 SPENT
(SPENT OR SPENTS)
L5 3 (KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SHEA BUTTER" OR
"SHEA TREE" OR GHARITTI OR "BUTYROSPERMUM PARKII" OR "BUTTER
SEED" OR "VITELLARIA PARADOXA") AND PD<20030630 AND (WASTE OR
WASTE OR "LEES" OR "BY-PRODUCT" OR "BY PRODUCT" OR SPENT)

=> d 15 1-3 ti

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI 10 years experience with Co-firing straw and coal as main fuels together
with different types of biomasses in a CFB boiler in Grena/Denmark

L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sorption of iron and zinc ions from non-aqueous solution by shea
butter (Butyrospermum parkii) seed husks

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI A comparative study of anti-locust baits, with special reference to base
materials

=> d hist

(FILE 'HOME' ENTERED AT 15:44:16 ON 19 JUL 2006)

FILE 'BIOSIS' ENTERED AT 15:44:25 ON 19 JUL 2006

L1 1 S (KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SHEA BUTTER" OR
L2 2 S (KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SHEA BUTTER" OR

FILE 'CAPLUS' ENTERED AT 15:46:15 ON 19 JUL 2006

L3 10 S L1
L4 0 S L3 AND L2
L5 3 S L2

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	138.58	143.18

STN INTERNATIONAL LOGOFF AT 15:48:27 ON 19 JUL 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAALC1654

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 4 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 5 MAY 10 CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 6 MAY 11 KOREPAT updates resume
NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 8 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAplus and
USPATFULL/USPAT2
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAplus
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

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FILE 'HOME' ENTERED AT 08:23:05 ON 21 JUL 2006

FILE 'BIOSIS' ENTERED AT 08:23:18 ON 21 JUL 2006
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FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 19 July 2006 (20060719/ED)

=> s ("Shea nut" or karite or "African butter" or shetoulou or "shea butter" or

"shea tree" or gharitti or "Butyrospermum" or "butter seed" or "Vitellaria paradoxa") and pd<20030630 and saponin
255 "SHEA"
1 "SHEAS"
256 "SHEA"
("SHEA" OR "SHEAS")
6534 "NUT"
3316 "NUTS"
8650 "NUT"
("NUT" OR "NUTS")
14 "SHEA NUT"
("SHEA" (W) "NUT")
20 KARITE
72443 "AFRICAN"
2119 "AFRICANS"
73348 "AFRICAN"
("AFRICAN" OR "AFRICANS")
4682 "BUTTER"
170 "BUTTERS"
4730 "BUTTER"
("BUTTER" OR "BUTTERS")
0 "AFRICAN BUTTER"
("AFRICAN" (W) "BUTTER")
0 SHETOULOU
255 "SHEA"
1 "SHEAS"
256 "SHEA"
("SHEA" OR "SHEAS")
4682 "BUTTER"
170 "BUTTERS"
4730 "BUTTER"
("BUTTER" OR "BUTTERS")
48 "SHEA BUTTER"
("SHEA" (W) "BUTTER")
255 "SHEA"
1 "SHEAS"
256 "SHEA"
("SHEA" OR "SHEAS")
94904 "TREE"
74721 "TREES"
138146 "TREE"
("TREE" OR "TREES")
21 "SHEA TREE"
("SHEA" (W) "TREE")
0 GHARITTI
39 "BUTYROSPERMUM"
4682 "BUTTER"
170 "BUTTERS"
4730 "BUTTER"
("BUTTER" OR "BUTTERS")
129565 "SEED"
79030 "SEEDS"
165314 "SEED"
("SEED" OR "SEEDS")
4 "BUTTER SEED"
("BUTTER" (W) "SEED")
470 "VITELLARIA"
1 "VITELLARIAS"
470 "VITELLARIA"
("VITELLARIA" OR "VITELLARIAS")

1438 "PARADOXA"
64 "VITELLARIA PARADOXA"
("VITELLARIA" (W) "PARADOXA")
13683429 PD<20030630
(PD<20030630)
5804 SAPONIN
4243 SAPONINS
8589 SAPONIN
(SAPONIN OR SAPONINS)
L1 1 ("SHEA NUT" OR KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SHEA BUTTER" OR "SHEA TREE" OR GHARITI OR "BUTYROSPERMUM" OR "BUTTER SEED" OR "VITELLARIA PARADOXA") AND PD<20030630 AND SAPONIN

=> d 11 ti

L1 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Biochemical and histological alterations in the liver of the broiler after
ingestion of vegetable saponins and effects of dietary
supplementation with adsorbents or methyl donor.

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.87	1.08

FILE 'CAPLUS' ENTERED AT 08:24:02 ON 21 JUL 2006
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FILE COVERS 1907 - 21 Jul 2006 VOL 145 ISS 4
FILE LAST UPDATED: 19 Jul 2006 (20060719/ED)

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=> s 11
848 "SHEA"
10668 "NUT"
5790 "NUTS"
14258 "NUT"
("NUT" OR "NUTS")
65 "SHEA NUT"
("SHEA" (W) "NUT")
136 KARITE
2 KARITES

136 KARITE
 (KARITE OR KARITES)
 23278 "AFRICAN"
 846 "AFRICANS"
 23660 "AFRICAN"
 ("AFRICAN" OR "AFRICANS")
 20531 "BUTTER"
 826 "BUTTERS"
 20617 "BUTTER"
 ("BUTTER" OR "BUTTERS")
 2 "AFRICAN BUTTER"
 ("AFRICAN" (W) "BUTTER")
 0 SHETOLOU
 848 "SHEA"
 20531 "BUTTER"
 826 "BUTTERS"
 20617 "BUTTER"
 ("BUTTER" OR "BUTTERS")
 560 "SHEA BUTTER"
 ("SHEA" (W) "BUTTER")
 848 "SHEA"
 56735 "TREE"
 42227 "TREES"
 82861 "TREE"
 ("TREE" OR "TREES")
 65 "SHEA TREE"
 ("SHEA" (W) "TREE")
 0 GHARITI
 90 "BUTYROSPERMUM"
 20531 "BUTTER"
 826 "BUTTERS"
 20617 "BUTTER"
 ("BUTTER" OR "BUTTERS")
 139516 "SEED"
 93170 "SEEDS"
 185251 "SEED"
 ("SEED" OR "SEEDS")
 12 "BUTTER SEED"
 ("BUTTER" (W) "SEED")
 86 "VITELLARIA"
 1 "VITELLARIAS"
 87 "VITELLARIA"
 ("VITELLARIA" OR "VITELLARIAS")
 635 "PARADOXA"
 33 "VITELLARIA PARADOXA"
 ("VITELLARIA" (W) "PARADOXA")
 23664304 PD<20030630
 (PD<20030630)
 15921 SAPONIN
 14424 SAPONINS
 20259 SAPONIN
 (SAPONIN OR SAPONINS)
 L2 11 ("SHEA NUT" OR KARITE OR "AFRICAN BUTTER" OR SHETOLOU OR "SHEA BUTTER" OR "SHEA TREE" OR GHARITI OR "BUTYROSPERMUM" OR "BUTTER SEED" OR "VITELLARIA PARADOXA") AND PD<20030630 AND SAPONIN

=> d 1-11 ti

L2 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Antimicrobial properties and phytochemical constituents of the leaves of

African mistletoe (*Tapinanthus dodoneifolius* (DC) Danser) (Loranthaceae): an ethnomedicinal plant of Hausaland, Northern Nigeria

L2 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Phytochemical and antimicrobial studies on *Butyrospermum paradoxum*

L2 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Value of sheanut cake as a dietary ingredient for broiler chickens

L2 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Biochemical and histological alterations in the liver of the broiler after ingestion of vegetable saponins and effects of dietary supplementation with adsorbents or methyl donor

L2 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Toxicological assessment of native and industrial fermented sheabuttercake in nutrition of broilers

L2 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI The determination of the structure of the tetracyclic triterpene alcohol, basseol. II. The dehydrogenation of basseol and of bassenol-triterpenes of the β -amyrenol group

L2 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI The contents of the shea nut, the seed of *Butyrospermum parkii*

L2 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Some African oil seeds

L2 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Two principles occurring in the fruit of the argan tree: the oil and glucoside

L2 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI The fat-containing seeds of dumori and djave

L2 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI The Seed of *Mimusops djave*

=> d hist

(FILE 'HOME' ENTERED AT 08:23:05 ON 21 JUL 2006)

FILE 'BIOSIS' ENTERED AT 08:23:18 ON 21 JUL 2006
L1 1 S ("SHEA NUT" OR KARITE OR "AFRICAN BUTTER" OR SHETOULOU OR "SH
FILE 'CAPLUS' ENTERED AT 08:24:02 ON 21 JUL 2006
L2 11 S L1

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	39.65	40.73

STN INTERNATIONAL LOGOFF AT 08:24:57 ON 21 JUL 2006

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LOGINID:SSPTAALC1654

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 3 MAR 16 CASREACT coverage extended
NEWS 4 MAR 20 MARPAT now updated daily
NEWS 5 MAR 22 LWPI reloaded
NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 7 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 10 APR 30 CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 12 MAY 01 New CAS web site launched
NEWS 13 MAY 08 CA/CAplus Indian patent publication number format defined
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 17 MAY 21 CA/CAplus enhanced with additional kind codes for German patents
NEWS 18 MAY 22 CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 19 JUN 27 CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20 JUN 29 STN Viewer now available
NEWS 21 JUN 29 STN Express, Version 8.2, now available
NEWS 22 JUL 02 LEMBASE coverage updated
NEWS 23 JUL 02 LMEDLINE coverage updated
NEWS 24 JUL 02 SCISEARCH enhanced with complete author names
NEWS 25 JUL 02 CHEMCATS accession numbers revised
NEWS 26 JUL 02 CA/CAplus enhanced with utility model patents from China

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS IPC8	For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 13:10:27 ON 09 JUL 2007

=> file caplus
COST IN U.S. DOLLARS
SINCE FILE ENTRY TOTAL
SESSION
FULL ESTIMATED COST 0.21 0.21

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FILE COVERS 1907 - 9 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 8 Jul 2007 (20070708/ED)

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=> s (butyrospermum or shea) and saponin and pd<20020628
99 BUTYROSPERMUM
973 SHEA
16936 SAPONIN
15772 SAPONINS
21795 SAPONIN
(SAPONIN OR SAPONINS)
22702044 PD<20020628
(PD<20020628)
L1 8 (BUTYROSPERMUM OR SHEA) AND SAPONIN AND P

LI (BUTYROSPERMUM OR SHEA) AND SAPONIN AND ID<20020020

=> a 11 1-8 11

LI ANSWER 1 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Phytochemical and antimicrobial studies on *Butyrospermum paradoxum*

L1 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Value of sheanut cake as a dietary ingredient for broiler chickens

L1 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Biochemical and histological alterations in the liver of the broiler after
ingestion of vegetable saponins and effects of dietary
supplementation with adsorbents or methyl donor

L1 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Toxicological assessment of native and industrial fermented sheabuttercake in nutrition of broilers

L1 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI The determination of the structure of the tetracyclic triterpene alcohol, basseol. II. The dehydrogenation of basseol and of bassenol-triterpenes of the β -amyrenol group

L1 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI The contents of the shea nut, the seed of *Butyrospermum parkii*

L1 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Some African oil seeds

L1 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI The Seed of *Mimusops djave*

=> d 11 5-8 ibib

L1 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1951:29613 CAPLUS Full-text
DOCUMENT NUMBER: 45:29613
ORIGINAL REFERENCE NO.: 45:5129g-i,5130a-i,5131a-i,5132a-b
TITLE: The determination of the structure of the tetracyclic triterpene alcohol, basseol. II. The dehydrogenation of basseol and of bassenol-triterpenes of the β -amyrenol group
AUTHOR(S): Coelho, Fernando Pinto
CORPORATE SOURCE: Univ. Coimbra, Port.
SOURCE: Rev. faculdade cienc. Univ., Coimbra (1949), 18, 71-140
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L1 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1943:24552 CAPLUS Full-text
DOCUMENT NUMBER: 37:24552
ORIGINAL REFERENCE NO.: 37:3961i,3962a-b
TITLE: The contents of the shea nut, the seed of *Butyrospermum parkii*
AUTHOR(S): Bauer, K. H.; Moll, H.
SOURCE: Arch. Pharm. (1942), 280, 37-45
From: Chem. Zentr. 1942, I, 3120.
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L1 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1936:4760 CAPLUS Full-text
DOCUMENT NUMBER: 30:4760
ORIGINAL REFERENCE NO.: 30:633g-i,634a-i,635a-i,636a
TITLE: Some African oil seeds
AUTHOR(S): Anon.
SOURCE: Bulletin of the Imperial Institute, London (1935), 33, 271-93
CODEN: BUIIAD; ISSN: 0366-4279
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

L1 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1911:3241 CAPLUS Full-text
DOCUMENT NUMBER: 5:3241
ORIGINAL REFERENCE NO.: 5:594g-h
TITLE: The Seed of Mimusops djave
AUTHOR(S): Fickendey, E.
SOURCE: Seifensieder-Zeitung (1911), 37, 165, 193-4
CODEN: SSZTAW; ISSN: 0371-3296
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.89	17.10

FILE 'BIOSIS' ENTERED AT 13:12:41 ON 09 JUL 2007

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CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT
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RECORDS LAST ADDED: 4 July 2007 (20070704/ED)

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through 1968. These records have been re-indexed to match current
BIOSIS indexing.

=> s 11

53 BUTYROSPERMUM
301 SHEA
1 SHEAS
302 SHEA
(SHEA OR SHEAS)
7212 SAPONIN
4946 SAPONINS
10363 SAPONIN
(SAPONIN OR SAPONINS)
14978589 PD<20020628
(PD<20020628)
L2 0 (BUTYROSPERMUM OR SHEA) AND SAPONIN AND PD<20020628

=> dhist full

DHIST IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (>).

=> d hist full

(FILE 'HOME' ENTERED AT 13:10:27 ON 09 JUL 2007)

FILE 'CAPLUS' ENTERED AT 13:10:43 ON 09 JUL 2007
L1 8 SEA ABB=ON PLU=ON (BUTYROSPERMUM OR SHEA) AND SAPONIN AND
PD<20020628
D L1 1-8 TI

D L1 5-8 IBIB

FILE 'BIOSIS' ENTERED AT 13:12:41 ON 09 JUL 2007
L2 0 SEA ABB=ON PLU=ON (BUTYROSPERMUM OR SHEA) AND SAPONIN AND
PD<20020628

FILE HOME

FILE CAPLUS

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FILE LAST UPDATED: 8 Jul 2007 (20070708/ED)

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FILE BIOSIS
FILE COVERS 1926 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 4 July 2007 (20070704/ED)

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=> log y			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	0.89	17.99	

STN INTERNATIONAL LOGOFF AT 13:13:15 ON 09 JUL 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAALC1654

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 2 JUL 02 LMEDLINE coverage updated
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/CAplus enhanced with utility model patents from China
NEWS 6 JUL 16 CAplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/CAplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9 JUL 30 USGENE now available on STN
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 11 AUG 06 BEILSTEIN updated with new compounds
NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 13 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents
NEWS 14 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 15 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 16 AUG 27 USPATOLD now available on STN
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 19 SEP 13 FORIS renamed to SOFIS
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 21 SEP 17 CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 22 SEP 17 CAplus coverage extended to include traditional medicine patents
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 24 OCT 02 CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
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interventions followed by the Dutch framework of names of 100 items on one specific topic.

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FILE 'HOME' ENTERED AT 13:31:01 ON 03 OCT 2007

=> file biosis
COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY SESSION
0.21 0.21

FILE 'BIOSIS' ENTERED AT 13:31:17 ON 03 OCT 2007
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FILE COVERS 1926 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 26 September 2007 (20070926/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

=> s (((Bassia or butryospermum or vitellaria or pentadosmis) and (paradox or paradoxa or paradoxum or parkii or butyracea)) or (shea or African or Africa)(s)(tree or butter or nut) or sheanut or sheatree) and @pd<"20010630"
NUMERIC VALUE NOT VALID '"20010630"'

Numeric values may contain 1-8 significant figures. If range notation is used, both the beginning and the end of the range must be specified, e.g., '250-300/MW'. Expressions such as '250-/MW' are not allowed. To search for values above or below a given number, use the >, =>, <, or <= operators, e.g., 'MW => 250'. Text terms cannot be used in numeric expressions. If you specify a unit, it must be dimensionally correct for that field code. To see the unit designations for field codes in the current file, enter "DISPLAY UNIT ALL" at an arrow prompt (>).

=> s (((Bassia or butryospermum or vitellaria or pentadosmis) and (paradox or paradoxa or paradoxum or parkii or butyracea)) or (shea or African or Africa)(s)(tree or butter or nut) or sheanut or sheatree) and pd<"20010630"

253 BASSIA
2 BASSIAS
255 BASSIA
 (BASSIA OR BASSIAS)
1 BUTRYOSPERMUM
604 VITELLARIA
1 VITELLARIAS
604 VITELLARIA
 (VITELLARIA OR VITELLARIAS)
0 PENTADOSMIS
5537 PARADOX
425 PARADOXES
5899 PARADOX
 (PARADOX OR PARADOXES)
1936 PARADOXA
316 PARADOXUM
47 PARKII
91 BUTYRACEA
304 SHEA
1 SHEAS
305 SHEA
 (SHEA OR SHEAS)
91439 AFRICAN
2748 AFRICANS
92667 AFRICAN
 (AFRICAN OR AFRICANS)
141068 AFRICA

26 AFRICAS
 141088 AFRICA
 (AFRICA OR AFRICAS)
 121465 TREE
 106861 TREES
 186896 TREE
 (TREE OR TREES)
 7976 BUTTER
 344 BUTTERS
 8055 BUTTER
 (BUTTER OR BUTTERS)
 8530 NUT
 4580 NUTS
 11532 NUT
 (NUT OR NUTS)
 1847 (SHEA OR AFRICAN OR AFRICA) (S) (TREE OR BUTTER OR NUT)
 18 SHEANUT
 1 SHEANUTS
 18 SHEANUT
 (SHEANUT OR SHEANUTS)
 0 SHEATREE
 14419937 PD<"20010630"
 (PD<20010630)
 L1 1166 (((BASSIA OR BUTRYOSPERMUM OR VITELLARIA OR PENTADOSMIS) AND
 (PARADOX OR PARADOXA OR PARADOXUM OR PARKII OR BUTYRACEA)) OR
 (SHEA OR AFRICAN OR AFRICA) (S) (TREE OR BUTTER OR NUT) OR SHEANUT
 OR SHEATREE) AND PD<"20010630"

 => s (((Bassia or butryospermum or vitellaria or pentadosmis) (s) (paradox or
 paradoxa or paradoxum or parkii or butyracea)) or (shea or African or
 Africa) (s) (tree or butter or nut) or sheanut or sheatree) and pd<"20010630"
 253 BASSIA
 2 BASSIAS
 255 BASSIA
 (BASSIA OR BASSIAS)
 1 BUTRYOSPERMUM
 604 VITELLARIA
 1 VITELLARIAS
 604 VITELLARIA
 (VITELLARIA OR VITELLARIAS)
 0 PENTADOSMIS
 5537 PARADOX
 425 PARADOXES
 5899 PARADOX
 (PARADOX OR PARADOXES)
 1936 PARADOXA
 316 PARADOXUM
 47 PARKII
 91 BUTYRACEA
 83 (BASSIA OR BUTRYOSPERMUM OR VITELLARIA OR PENTADOSMIS) (S) (PARADO
 X OR PARADOXA OR PARADOXUM OR PARKII OR BUTYRACEA)
 304 SHEA
 1 SHEAS
 305 SHEA
 (SHEA OR SHEAS)
 91439 AFRICAN
 2748 AFRICANS
 92667 AFRICAN
 (AFRICAN OR AFRICANS)
 141068 AFRICA

26 AFRICAS
141088 AFRICA
 (AFRICA OR AFRICAS)
121465 TREE
106861 TREES
186896 TREE
 (TREE OR TREES)
7976 BUTTER
344 BUTTERS
8055 BUTTER
 (BUTTER OR BUTTERS)
8530 NUT
4580 NUTS
11532 NUT
 (NUT OR NUTS)
1847 (SHEA OR AFRICAN OR AFRICA) (S) (TREE OR BUTTER OR NUT)
18 SHEANUT
1 SHEANUTS
18 SHEANUT
 (SHEANUT OR SHEANUTS)
0 SHEATREE
14419937 PD<"20010630"
 (PD<20010630)
L2 1166 (((BASSIA OR BUTRYOSPERMUM OR VITELLARIA OR PENTADOSMIS) (S) (PARA
DOX OR PARADOXA OR PARADOXUM OR PARKII OR BUTYRACEA)) OR (SHEA
OR AFRICAN OR AFRICA) (S) (TREE OR BUTTER OR NUT) OR SHEANUT OR
SHEATREE) AND PD<"20010630"

=> s 11 and (saponin or saponins or "bassic acid" or parkeol)
7272 SAPONIN
4987 SAPONINS
10434 SAPONIN
 (SAPONIN OR SAPONINS)
4987 SAPONINS
13 "BASSIC"
1494679 "ACID"
411424 "ACIDS"
1674132 "ACID"
 ("ACID" OR "ACIDS")
11 "BASSIC ACID"
 ("BASSIC" (W) "ACID")
30 PARKEOL
L3 7 L1 AND (SAPONIN OR SAPONINS OR "BASSIC ACID" OR PARKEOL)

=> d 13 1-7 ti

L3 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI Value of sheanut cake as a dietary ingredient for broiler
chickens.

L3 ANSWER 2 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI Influence of foliage from African multipurpose trees
on activity of rumen protozoa and bacteria.

L3 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI Biochemical and histological alterations in the liver of the broiler after
ingestion of vegetable saponins and effects of dietary
supplementation with adsorbents or methyl donor.

L3 ANSWER 4 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

TI WOOD FLUORESCENCE OF INDIGENOUS SOUTH AFRICAN TREES.

L3 ANSWER 5 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI WOOD FLUORESCENCE OF INDIGENOUS SOUTH AFRICAN TREES.

L3 ANSWER 6 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI CHARACTERIZATION OF TRI TERPENE ALCOHOLS OF SEED OILS FROM SOME SPECIES OF
THEACEAE PHYTOLACCACEAE AND SAPOTACEAE.

L3 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI THE NONGLYCERIDE SAPONIFIABLES OF SHEA BUTTER.

=> d 13 6 and 7 ibib
'AND' IS NOT A VALID FORMAT FOR FILE 'BIOSIS'

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The default display format is BIB.

ABS ----- AB
ALL ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED, AB,
NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
BIB ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED
CBIB ----- AN, compressed bibliographic information
DALL ----- ALL, delimited for post-processing
IABS ----- ABS, with text label
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IIND ----- IND, indented with text labels
IND ----- NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
HIT ----- all fields containing hit search terms
HITIND ----- IND
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OCC ----- number of occurrences of hit terms and fields
in which they occur

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ENTER DISPLAY FORMAT (BIB):ibib

L3 ANSWER 6 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
ACCESSION NUMBER: 1980:274902 BIOSIS Full-text
DOCUMENT NUMBER: PREV198070067398; BA70:67398
TITLE: CHARACTERIZATION OF TRI TERPENE ALCOHOLS OF SEED OILS FROM
SOME SPECIES OF THEACEAE PHYTOLACCACEAE AND SAPOTACEAE.
AUTHOR(S): ITOH T [Reprint author]; UETSUKI T; TAMURA T; MATSUMOTO T
CORPORATE SOURCE: COLL SCI TECHNOL, NIHON UNIV, 1-8 KANDA SURUGADAI, CHIYODA,
TOKYO 101, JPN

SOURCE: Lipids, (1980) Vol. 15, No. 6, pp. 407-411.
CODEN: LPDSAP. ISSN: 0024-4201.

DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH

L3 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
ACCESSION NUMBER: 1978:176927 BIOSIS Full-text
DOCUMENT NUMBER: PREV197865063927; BA65:63927
TITLE: THE NONGLYCERIDE SAPONIFIABLES OF SHEA
BUTTER.
AUTHOR(S): PEERS K E [Reprint author]
CORPORATE SOURCE: CHEM DIV, AGRIC RES COUNC FOOD RES INST, COLNEY LANE,
NORWICH NR4 7UA, ENGL, UK
SOURCE: Journal of the Science of Food and Agriculture, (1977) Vol. 28, No. 11, pp. 1000-1009.
CODEN: JSFAAE. ISSN: 0022-5142.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH

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FILE LAST UPDATED: 2 Oct 2007 (20071002/ED)

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=> s 13
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DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
    173 BASSIA
        0 BUTRYOSPERMUM
    102 VITELLARIA
        1 VITELLARIAS
    103 VITELLARIA
        (VITELLARIA OR VITELLARIAS)
```

0 PENTADOSMIS
5251 PARADOX
622 PARADOXES
5738 PARADOX
 (PARADOX OR PARADOXES)
688 PARADOXA
50 PARADOXUM
92 PARKII
112 BUTYRACEA
1016 SHEA
25676 AFRICAN
933 AFRICANS
26096 AFRICAN
 (AFRICAN OR AFRICANS)
23721 AFRICA
3 AFRICAS
23723 AFRICA
 (AFRICA OR AFRICAS)
63486 TREE
45454 TREES
91391 TREE
 (TREE OR TREES)
22681 BUTTER
935 BUTTERS
22783 BUTTER
 (BUTTER OR BUTTERS)
13057 NUT
6595 NUTS
17123 NUT
 (NUT OR NUTS)
1469 (SHEA OR AFRICAN OR AFRICA) (S) (TREE OR BUTTER OR NUT)
11 SHEANUT
0 SHEATREE
21762413 PD<"20010630"
 (PD<20010630)
17237 SAPONIN
16122 SAPONINS
22234 SAPONIN
 (SAPONIN OR SAPONINS)
16122 SAPONINS
26 "BASSIC"
4453496 "ACID"
1594632 "ACIDS"
4956675 "ACID"
 ("ACID" OR "ACIDS")
26 "BASSIC ACID"
 ("BASSIC" (W) "ACID")
71 PARKEOL
1 PARKEOLS
71 PARKEOL
 (PARKEOL OR PARKEOLS)
L4 21 L1 AND (SAPONIN OR SAPONINS OR "BASSIC ACID" OR PARKEOL)

=> d 14 1-21 ti

L4 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Pharmaceutical composition containing extracts of *Butyrospermum parkii* and
the use as medicament or dietary supplement

L4 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN

TI Value of sheanut cake as a dietary ingredient for broiler chickens

L4 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Influence of foliage from African multipurpose trees on activity of rumen protozoa and bacteria

L4 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Biological activity of saponins from two Dracaena species

L4 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Biochemical and histological alterations in the liver of the broiler after ingestion of vegetable saponins and effects of dietary supplementation with adsorbents or methyl donor

L4 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Toxicological assessment of native and industrial fermented sheabuttercake in nutrition of broilers

L4 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Biologically active saponins from two dracaena species.

L4 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Triterpenic saponins from nauclea diderrichii.

L4 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Search for molluscicidal and antifungal saponins from tropical plants.

L4 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Comparison of lipid compositions in Shea butter and Pentadesma butter

L4 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Characterization of triterpene alcohols of seed oils from some species of Theaceae, Phytolaccaceae and Sapotaceae

L4 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI The flavonoids of the leaves of Holarrhena floribunda; isolation of a flavonoid identified as isoquercitroside

L4 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI The chemistry of the triterpenes. XVI. The action of hydrogen chloride on butyrospermol

L4 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI The determination of the structure of the tetracyclic triterpene alcohol, basseol. II. The dehydrogenation of basseol and of bassenol-triterpenes of the β -amyrenol group

L4 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Constituents of shea

L4 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI The contents of the shea nut, the seed of Butyrospermum parkii

L4 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Unsaponifiable constituents of shea butter

L4 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Sapogenins. IX. Occurrence and constitution of bassic acid

L4 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Sapogenins. V. Bassic acid

L4 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI Some African oil seeds

L4 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
TI The Seed of Mimusops djave

=> d 1, 4, 5, 7-11, 15-21 ibib

L4 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:50499 CAPLUS Full-text
DOCUMENT NUMBER: 134:120921
TITLE: Pharmaceutical composition containing extracts of Butyrospermum parkii and the use as medicament or dietary supplement
INVENTOR(S): Weidner, Morten Sloth
PATENT ASSIGNEE(S): Astion Development Aps, Den.
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001003712	A1	20010118	WO 2000-DK383	20000710 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2378396	A1	20010118	CA 2000-2378396	20000710 <--
EP 1200106	A1	20020502	EP 2000-943697	20000710
EP 1200106	B1	20030507		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003504340	T	20030204	JP 2001-508991	20000710
AT 239490	T	20030515	AT 2000-943697	20000710
PT 1200106	T	20030930	PT 2000-943697	20000710
EP 1354595	A1	20031022	EP 2003-76393	20000710
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
NZ 517077	A	20031128	NZ 2000-517077	20000710
ES 2198324	T3	20040201	ES 2000-943697	20000710
AU 784718	B2	20060601	AU 2000-58066	20000710
HK 1046502	A1	20030919	HK 2002-107996	20021102
US 2005031709	A1	20050210	US 2004-861884	20040607
US 2007003645	A1	20070104	US 2006-519002	20060912

PRIORITY APPLN. INFO.: DK 1999-1003 A 19990709
DK 1999-1323 A 19990916
US 1999-154651P P 19990920
DK 2000-434 A 20000316
US 2000-190919P P 20000321
EP 2000-943697 A3 20000710
US 2000-613468 A3 20000710
WO 2000-DK383 W 20000710

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:255839 CAPLUS Full-text
DOCUMENT NUMBER: 126:311799
TITLE: Biological activity of saponins from two Dracaena species
AUTHOR(S): Okunji, C. O.; Iwu, M. M.; Jackson, J. E.; Tally, J. D.
CORPORATE SOURCE: Division of Experimental Therapeutics, Walter Reed Army Institute of Research, Washington, DC, 20307-5100, USA
SOURCE: Advances in Experimental Medicine and Biology (1996), 404(Saponins Used in Traditional and Modern Medicine), 415-428
CODEN: AEMBAP; ISSN: 0065-2598
PUBLISHER: Plenum
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:150965 CAPLUS Full-text
DOCUMENT NUMBER: 126:316899
TITLE: Biochemical and histological alterations in the liver of the broiler after ingestion of vegetable saponins and effects of dietary supplementation with adsorbents or methyl donor
AUTHOR(S): Annongu, A. A.; Ter Meulen, U.; Atteh, J. O.; Chinnah, T.
CORPORATE SOURCE: Institut Tierphysiologie Tierernaehrung, Universitaet Goettingen, Goettingen, D-37077, Germany
SOURCE: Archiv fuer Gefuegelkunde (1996), 60(6), 267-272
CODEN: AGEFAB; ISSN: 0003-9098
PUBLISHER: Ulmer
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:919220 CAPLUS Full-text
TITLE: Biologically active saponins from two dracaena species.
AUTHOR(S): Okunji, C. O.; Jackson, J. E.; Tally, J. D.; Iwu, M.
CORPORATE SOURCE: Division Experimental Therapeutics, Walter Reed Army Institute Research, Washington, DC, 20307-5100, USA
SOURCE: Book of Abstracts, 210th ACS National Meeting, Chicago, IL, August 20-24 (1995), Issue Pt. 1, AGFD-235. American Chemical Society: Washington, D. C.
CODEN: 61XGAC

DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L4 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:919119 CAPLUS Full-text
TITLE: Triterpenic saponins from nauclea diderrichii.
AUTHOR(S): Ollivier, E.; Gasquet, M.; Delnas, F.; Balansard, G.
CORPORATE SOURCE: Pharmacognosy, Faculty Pharmacy, Marseille, 13385, Fr.
SOURCE: Book of Abstracts, 210th ACS National Meeting, Chicago, IL, August 20-24 (1995), Issue Pt. 1, AGFD-124. American Chemical Society: Washington, D. C.
CODEN: 61XGAC

DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L4 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:919081 CAPLUS Full-text
TITLE: Search for molluscicidal and antifungal saponins from tropical plants.
AUTHOR(S): Hostettmann, K.
CORPORATE SOURCE: Institut de Pharmacognosie et Phytochimie, Universite de Lausanne, Lausanne, CH-1015, Switz.
SOURCE: Book of Abstracts, 210th ACS National Meeting, Chicago, IL, August 20-24 (1995), Issue Pt. 1, AGFD-086. American Chemical Society: Washington, D. C.
CODEN: 61XGAC

DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L4 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:797935 CAPLUS Full-text
DOCUMENT NUMBER: 123:284113
TITLE: Comparison of lipid compositions in Shea butter and Pentadesma butter
AUTHOR(S): Dencausse, Laurent; Ntsourankoua, Herve; Artaud, Jacques; Clamou, Jean-Luc
CORPORATE SOURCE: Laboratoire d'Analyse et Valorisation des Biomolecules, IUT, Marseille, 13388/13, Fr.
SOURCE: Oleagineux, Corps Gras, Lipides (1995), 2(2), 143-7
PUBLISHER: Libbey Eurotext
DOCUMENT TYPE: Journal
LANGUAGE: French

CODEN: OCLOEX; ISSN: 1258-8210

L4 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:441613 CAPLUS Full-text
DOCUMENT NUMBER: 93:41613
TITLE: Characterization of triterpene alcohols of seed oils from some species of Theaceae, Phytolaccaceae and Sapotaceae
AUTHOR(S): Itoh, Toshihiro; Uetsuki, Toshimitsu; Tamura, Toshitake; Matsumoto, Taro
CORPORATE SOURCE: Coll. Sci. Technol., Nihon Univ., Tokyo, 101, Japan
SOURCE: Lipids (1980), 15(6), 407-11
DOCUMENT TYPE: Journal
CODEN: LPDSAP; ISSN: 0024-4201

LANGUAGE: English

L4 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1950:11456 CAPLUS Full-text
DOCUMENT NUMBER: 44:11456
ORIGINAL REFERENCE NO.: 44:2259d
TITLE: Constituents of shea
AUTHOR(S): Pradain, J.
SOURCE: Ann. nutrition et aliment. (1949), 3, 459-62
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1943:24552 CAPLUS Full-text
DOCUMENT NUMBER: 37:24552
ORIGINAL REFERENCE NO.: 37:3961i,3962a-b
TITLE: The contents of the shea nut, the seed of *Butyrospermum parkii*
AUTHOR(S): Bauer, K. H.; Moll, H.
SOURCE: Arch. Pharm. (1942), 280, 37-45
From: Chem. Zentr. 1942, I, 3120.
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1941:14797 CAPLUS Full-text
DOCUMENT NUMBER: 35:14797
ORIGINAL REFERENCE NO.: 35:2350i
TITLE: Unsaponifiable constituents of shea butter
AUTHOR(S): Bauer, K. H.; Moll, H.
SOURCE: Fette und Seifen (1939), 46, 560-3
CODEN: FTSEAK; ISSN: 0367-3278
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1940:43305 CAPLUS Full-text
DOCUMENT NUMBER: 34:43305
ORIGINAL REFERENCE NO.: 34:6636i,6637a-i,6638a-b
TITLE: Sapogenins. IX. Occurrence and constitution of bassic acid
AUTHOR(S): Heywood, B. Jason; Kon, George A. K.
SOURCE: Journal of the Chemical Society (1940)
713-30
CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1939:54210 CAPLUS Full-text
DOCUMENT NUMBER: 33:54210
ORIGINAL REFERENCE NO.: 33:7809a-h
TITLE: Sapogenins. V. Bassic acid
AUTHOR(S): Heywood, B. Jason; Kon, George A. R.; Ware, Lancelot L.
SOURCE: Journal of the Chemical Society (1939)
1124-9
CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

L4 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1936:4760 CAPLUS Full-text
DOCUMENT NUMBER: 30:4760
ORIGINAL REFERENCE NO.: 30:633g-i,634a-i,635a-i,636a
TITLE: Some African oil seeds
AUTHOR(S): Anon.
SOURCE: Bulletin of the Imperial Institute, London (1935), 33, 271-93
CODEN: BUIIAD; ISSN: 0366-4279
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1911:3241 CAPLUS Full-text
DOCUMENT NUMBER: 5:3241
ORIGINAL REFERENCE NO.: 5:594g-h
TITLE: The Seed of Mimusops djave
AUTHOR(S): Fickendey, E.
SOURCE: Seifensieder-Zeitung (1911), 37, 165, 193-4
CODEN: SSZTAW; ISSN: 0371-3296
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

=> d hist full

(FILE 'HOME' ENTERED AT 13:31:01 ON 03 OCT 2007)

FILE 'BIOSIS' ENTERED AT 13:31:17 ON 03 OCT 2007
L1 1166 SEA ABB=ON PLU=ON (((BASSIA OR BUTRYOSPERMUM OR VITELLARIA
OR PENTADOSMIS) AND (PARADOX OR PARADOXA OR PARADOXUM OR
PARKII OR BUTYRACEA)) OR (SHEA OR AFRICAN OR AFRICA)(S)(TREE
OR BUTTER OR NUT) OR SHEANUT OR SHEATREE) AND PD<"20010630"
L2 1166 SEA ABB=ON PLU=ON (((BASSIA OR BUTRYOSPERMUM OR VITELLARIA
OR PENTADOSMIS)(S)(PARADOX OR PARADOXA OR PARADOXUM OR PARKII
OR BUTYRACEA)) OR (SHEA OR AFRICAN OR AFRICA)(S)(TREE OR
BUTTER OR NUT) OR SHEANUT OR SHEATREE) AND PD<"20010630"
L3 7 SEA ABB=ON PLU=ON L1 AND (SAPONIN OR SAPONINS OR "BASSIC
ACID" OR PARKEOL)
D L3 1-7 TI
D L3 6 AND 7 IBIB

FILE 'CAPLUS' ENTERED AT 13:34:28 ON 03 OCT 2007
L4 21 SEA ABB=ON PLU=ON L1 AND (SAPONIN OR SAPONINS OR "BASSIC
ACID" OR PARKEOL)
D L4 1-21 TI
D 1, 4, 5, 7-11, 15-21 IBIB

FILE HOME

FILE BIOSIS
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FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 26 September 2007 (20070926/ED)

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NEWS 3 AUG 06 FSTA enhanced with new thesaurus edition
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NEWS 5 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 6 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 7 AUG 27 USPATOLD now available on STN
NEWS 8 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
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World Patents Index

NEWS 10	SEP 13	FORIS renamed to SOFIS
NEWS 11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS 12	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 13	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS 14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 16	OCT 19	BEILSTEIN updated with new compounds
NEWS 17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS 18	NOV 19	WPIX enhanced with XML display format
NEWS 19	NOV 30	ICSD reloaded with enhancements
NEWS 20	DEC 04	LINPADOCDB now available on STN
NEWS 21	DEC 14	BEILSTEIN pricing structure to change
NEWS 22	DEC 17	USPATOLD added to additional database clusters
NEWS 23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS 24	DEC 17	DGENE now includes more than 10 million sequences
NEWS 25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS 26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 27	DEC 17	CA/CAplus enhanced with new custom IPC display formats
NEWS 28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS 29	JAN 02	STN pricing information for 2008 now available
NEWS 30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS 31	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS 32	JAN 28	MARPAT searching enhanced
NEWS 33	JAN 28	USGENE timeliness enhanced
NEWS 34	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 35	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements

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RECORDS LAST ADDED: 23 January 2008 (20080123/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

=> s (Butyrospermum or Sapotaceae or "Butter Tree" or "bassia parkii" or Shea or sheanut or Vitellaria or "shea butter" or bambuk or galam or mowrah) and (saponin or saponins or "bassic acid") and pd<20020628

55 BUTYROSPERMUM
2418 SAPOTACEAE
8055 "BUTTER"
350 "BUTTERS"
8134 "BUTTER"
 ("BUTTER" OR "BUTTERS")
123867 "TREE"
108587 "TREES"
190167 "TREE"
 ("TREE" OR "TREES")
21 "BUTTER TREE"
 ("BUTTER" (W) "TREE")
257 "BASSIA"
2 "BASSIAS"
259 "BASSIA"
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47 "PARKII"
1 "BASSIA PARKII"
 ("BASSIA" (W) "PARKII")
313 SHEA
1 SHEAS
314 SHEA
 (SHEA OR SHEAS)
18 SHEANUT
1 SHEANUTS
18 SHEANUT
 (SHEANUT OR SHEANUTS)
617 VITELLARIA
1 VITELLARIAS
617 VITELLARIA
 (VITELLARIA OR VITELLARIAS)
313 "SHEA"
1 "SHEAS"
314 "SHEA"
 ("SHEA" OR "SHEAS")
8055 "BUTTER"
350 "BUTTERS"
8134 "BUTTER"
 ("BUTTER" OR "BUTTERS")
73 "SHEA BUTTER"
 ("SHEA" (W) "BUTTER")
1 BAMBUK
1 GALAM

1 GALAMS
2 GALAM
 (GALAM OR GALAMS)
17 MOWRAH
7387 SAPONIN
5077 SAPONINS
10582 SAPONIN
 (SAPONIN OR SAPONINS)
5077 SAPONINS
13 "BASSIC"
1512843 "ACID"
416088 "ACIDS"
1693653 "ACID"
 ("ACID" OR "ACIDS")
11 "BASSIC ACID"
 ("BASSIC" (W) "ACID")
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 (PD<20020628)
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 OR SHEA OR SHEANUT OR VITELLARIA OR "SHEA BUTTER" OR BAMBUK OR
 GALAM OR MOWRAH) AND (SAPONIN OR SAPONINS OR "BASSIC ACID") AND
 PD<20020628

=> s (Butyrospermum or Sapotaceae or "Butter Tree" or "bassia parkii" or Shea or
sheanut or Vitellaria or "shea butter" or bambuk or galam) and (saponin or saponins
or "bassic acid") and pd<20020628

55 BUTYROSPERMUM
2418 SAPOTACEAE
8055 "BUTTER"
350 "BUTTERS"
8134 "BUTTER"
 ("BUTTER" OR "BUTTERS")
123867 "TREE"
108587 "TREES"
190167 "TREE"
 ("TREE" OR "TREES")
21 "BUTTER TREE"
 ("BUTTER" (W) "TREE")
257 "BASSIA"
2 "BASSIAS"
259 "BASSIA"
 ("BASSIA" OR "BASSIAS")
47 "PARKII"
1 "BASSIA PARKII"
 ("BASSIA" (W) "PARKII")
313 SHEA
1 SHEAS
314 SHEA
 (SHEA OR SHEAS)
18 SHEANUT
1 SHEANUTS
18 SHEANUT
 (SHEANUT OR SHEANUTS)
617 VITELLARIA
1 VITELLARIAS
617 VITELLARIA
 (VITELLARIA OR VITELLARIAS)
313 "SHEA"
1 "SHEAS"
314 "SHEA"

("SHEA" OR "SHEAS")
8055 "BUTTER"
350 "BUTTERS"
8134 "BUTTER"
 ("BUTTER" OR "BUTTERS")
73 "SHEA BUTTER"
 ("SHEA" (W) "BUTTER")
1 BAMBUK
1 GALAM
1 GALAMS
2 GALAM
 (GALAM OR GALAMS)
7387 SAPONIN
5077 SAPONINS
10582 SAPONIN
 (SAPONIN OR SAPONINS)
5077 SAPONINS
13 "BASSIC"
1512843 "ACID"
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1693653 "ACID"
 ("ACID" OR "ACIDS")
11 "BASSIC ACID"
 ("BASSIC" (W) "ACID")
14978600 PD<20020628
 (PD<20020628)
L2 61 (BUTYROSPERMUM OR SAPOTACEAE OR "BUTTER TREE" OR "BASSIA PARKII"
 OR SHEA OR SHEANUT OR VITELLARIA OR "SHEA BUTTER" OR BAMBUK OR
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8

=> d 12 1-61 ti

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TI Secondary metabolites from Argania spinosa (L.) Skeels.

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TI Unnurtured and untapped super sweet nonsacchariferous plant species in
India.

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TI Analgesic and antiinflammatory activity of Argania spinosa
saponins.

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TI Acute and chronic toxicity of saponins of Argania spinosa.

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TI Value of sheanut cake as a dietary ingredient for broiler
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TI Triterpenoid saponins from Mimusops elengi.

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TI Saponins from three species of *Mimusops*.

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TI Triterpenoid saponins of *Mimusops elengi*.

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TI Toxicological evaluation of mowrah (*Madhuca latifolia Macbride*) seed meal.

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TI Novel triterpenoid saponins from *Mimusops elengi*.

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TI Bioactive saponins from *Mimusops elengi*.

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TI Triterpenoid saponins from the root of *Sideroxylon foetidissimum*.

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TI Triterpenoid saponins from *Madhuca butyracea*.

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TI A new triterpenoid saponin from *Mimusops hexandra*.

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TI Triterpenoid saponins from the root of *Sideroxylon cubense*.

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TI Cytotoxic activity of a new saponin from *Sideroxylon cubense*.

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TI TRITERPENOIDAL SAPONINS FROM MADHUCA-BUTYRACEA.

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TI TRITERPENOID SAPONINS FROM ARGANIA-SPINOSA.

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TI ANALYSIS OF THE TESTALESS SEEDS OF *CHRYSOPHYLLUM-ALBIDUM* NUTRITIONAL ASPECTS.

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TI PROBABLE MECHANISM OF HYPOGLYCEMIA ACTIVITY OF BASSIC ACID A NATURAL PRODUCT ISOLATED FROM *BUMELIA-SARTORUM*.

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TI BUTYRACEOL A TRITERPENOIDAL SAPOGENIN FROM MADHUCA-BUTYRACEA.

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TI ANTIFUNGAL ACTIVITY AND MODE OF ACTION OF SAPONINS FROM
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TI CHEMICAL EVALUATION OF MAHUA MADHUCA-INDICA SEED.

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TI SAPONINS FROM TRIDESMOSSTEMON-CLAESSENSSI.

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TI ORAL TOXICITY OF MADHUCA-BUTYRACEA MACB. SAPONINS TO ALBINO
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TI INADEQUACY OF ISOLATED MOWRIN AS A STANDARD FOR COLORIMETRIC ESTIMATION OF
MAHUA BASSIA-LATIFOLIA SEED CAKE SAPONINS.

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TI NATURAL RESISTANCE OF TROPICAL TIMBERS TO BIOLOGICAL ATTACKS.

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TI EFFECT OF SAPONINS ON USTILOSPORE GERMINATION OF SMUT.

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TI A NEW STEROIDAL SAPONIN FROM THE ROOTS OF MIMUSOPS-ELENGI.

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TI TOXICITY OF SEED EXTRACTS OF PHULWARA MADHUCA-BUTYRACEA MACB. ON THE
HOUSEFLY MUSCA-DOMESTICA L. AND PULSE BEETLE CALLOSOBRUCHUS-CHINENSIS.

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TI ISOLATION AND PROPERTIES OF SAPONINS FROM MADHUCA-BUTYRACEA
SEEDS.

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TI CHEMISTRY AND PHARMACOLOGY OF AN ETHANOL EXTRACT OF BUMELIA-SARTORUM.

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TI MADHUCA-INDICA LEAF SAPONIN AND ITS BIOLOGICAL ACTIVITY.

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TI ACUTE TOXICITY OF SEEDS OF THE SAPODILLA ACHRAS-ZAPOTA.

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TI CONFIGURATION AND CONFORMATION OF THE ARABINOSE MOIETY IN PLATYCODINS

SAPONINS ISOLATED FROM PLATYCODON-GRANDIFLORUM AND MI
SAPONINS FROM MADHUCA-LONGIFOLIA BASED ON CARBON-13 NMR
SPECTROSCOPIC AND PROTON NMR SPECTROSCOPIC EVIDENCE TOTAL STRUCTURES OF
THE SAPONINS.

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TI EPI PROTO BASSIC-ACID FROM MADHUCA-BUTYRACEA LEAVES.

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TI CONSTITUENTS OF MIMUSOPS-LITTORALIS SEEDS.

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TI ANTI INFLAMMATORY EFFECTS OF MI-SAPONIN.

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TI EFFECTS OF CRUDE DRUGS ON CONGESTIVE EDEMA.

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TI PROTO BASSIC-ACID FROM MIMUSOPS-LITTORALIS BARK.

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TI SAPONIN AND SAPOGENOL PART 24 THE STRUCTURE OF MI-
SAPONIN C A BIS DESMOSIDE OF PROTO BASSIC-ACID
FROM THE SEED KERNELS OF MADHUCA-LONGIFOLIA.

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TI STEROID AND TRI TERPENOID SAPONINS POSSIBLE SPERMICIDAL AGENTS.

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TI SAPOGENININS AND OTHER CONSTITUENTS OF THE BARK OF MIMUSOPS-LITTORALIS.

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TI SPERMICIDAL POTENTIAL OF SAPONINS ISOLATED FROM INDIAN MEDICINAL
PLANTS.

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TI TRI TERPENOIDS OF MIMUSOPS-LITTORALIS.

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TI BIOLOGICAL ACTIVE PRINCIPLES OF THE CRUDE DRUGS PART 2 ANTI ULCEROGENIC
AND ANTI INFLAMMATORY ACTIONS OF THE CRUDE DRUGS CONTAINED SAPONIN

.

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TI SAPONIN AND SAPOGENOL PART 12 MI SAPONIN A AND MI
SAPONIN B 2 MAJOR BIS DESMOSIDES FROM THE SEED KERNELS OF
MADHUCA-LONGIFOLIA.

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TI SAPONIN AND SAPOGENOL PART 8 PHOTOCHEMICAL CLEAVAGE OF GLYCOSIDE
LINKAGE IN SAPONIN PHOTOLYSIS OF SOME SAPONINS AND
THEIR STRUCTURAL FEATURES.

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TI SOIL BACTERIAL HYDROLYSIS LEADING TO GENUINE AGLYCONE PART 7 STRUCTURE OF
A GENUINE SAPOGENOL PROTO BASSIC-ACID AND A
PROSAPOGENOL OF SEED KERNELS OF MADHUCA-LONGIFOLIA.

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TI TRI TERPENOIDS OF ACHRAS-SAPOTA SAPOTACEAE.

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TI SAPONINS OF THE SEEDS OF BASSIA-LATIFOLIA-D.

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TI TERMITE RESISTANCE OF OLD WOOD USED IN TEMPLES FROM THE MAYAN AREA DUE TO
SAPONINS.

L2 ANSWER 54 OF 61 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN
TI ANTI INFLAMMATORY ACTIVITY OF SAPONINS AND OTHER NATURAL
PRODUCTS.

L2 ANSWER 55 OF 61 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
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TI CONSTITUENTS OF MIMUSOPS-MANILKARA-D LEAVES AND SAPONINS OF
MIMUSOPS-D SEED KERNELS.

L2 ANSWER 56 OF 61 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
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TI Detection of milligram amounts of mowrin (A toxic saponin of
mahua seeds) in feeds.

L2 ANSWER 57 OF 61 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN
TI Mimusops hexandra. I. Constituents of fruit and seed.

L2 ANSWER 58 OF 61 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
STN
TI On the microscopy of Tengkawang and its distinction from real Illipe.
Original Title: Zur Mikroskopie von Tengkawang und deren Unterscheidung
von echter Illipe.

L2 ANSWER 59 OF 61 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
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TI About saponins and sapogenins.

L2 ANSWER 60 OF 61 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on
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TI Uber das Vorkommen und die Verteilung von Saponinen in pflanz-lichen
Drogen.

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TI Au sujet de la toxicite du tourteau d'argan.

=> s (Butyrospermum or bassia or vitellaria)(s)(parkii or paradoxum or paradoxa) or "Butter Tree" or Shea or sheanut or "shea butter" or bambuk or galam) and (saponin or saponins or "bassic acid") and pd<20020628

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55 BUTYROSPERMUM

257 BASSIA

2 BASSIAS

259 BASSIA

(BASSIA OR BASSIAS)

617 VITELLARIA

1 VITELLARIAS

617 VITELLARIA

(VITELLARIA OR VITELLARIAS)

47 PARKII

321 PARADOXUM

1969 PARADOXA

136 (BUTYROSPERMUM OR BASSIA OR VITELLARIA)(S)(PARKII OR PARADOXUM OR PARADOXA)

8055 "BUTTER"

350 "BUTTERS"

8134 "BUTTER"

("BUTTER" OR "BUTTERS")

123867 "TREE"

108587 "TREES"

190167 "TREE"

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313 SHEA

1 SHEAS

314 SHEA

(SHEA OR SHEAS)

18 SHEANUT

1 SHEANUTS

18 SHEANUT

(SHEANUT OR SHEANUTS)

313 "SHEA"

1 "SHEAS"

314 "SHEA"

("SHEA" OR "SHEAS")

8055 "BUTTER"

350 "BUTTERS"

8134 "BUTTER"

("BUTTER" OR "BUTTERS")

73 "SHEA BUTTER"

("SHEA" (W) "BUTTER")

1 BAMBUK

1 GALAM

1 GALAMS

2 GALAM

(GALAM OR GALAMS)
7387 SAPONIN
5077 SAPONINS
10582 SAPONIN
(SAPONIN OR SAPONINS)
5077 SAPONINS
13 "BASSIC"
1512843 "ACID"
416088 "ACIDS"
1693653 "ACID"
("ACID" OR "ACIDS")
11 "BASSIC ACID"
("BASSIC" (W) "ACID")
14978600 PD<20020628
(PD<20020628)
L3 2 ((BUTYROSPERMUM OR BASSIA OR VITELLARIA) (S) (PARKII OR PARADOXUM OR PARADOXA) OR "BUTTER TREE" OR SHEA OR SHEANUT OR "SHEA BUTTER" OR BAMBUK OR GALAM) AND (SAPONIN OR SAPONINS OR "BASSIC ACID") AND PD<20020628

=> d 13 1-2 ti

L3 ANSWER 1 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Value of sheanut cake as a dietary ingredient for broiler chickens.

L3 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Biochemical and histological alterations in the liver of the broiler after ingestion of vegetable saponins and effects of dietary supplementation with adsorbents or methyl donor.

=> d 1-2 ibib

L3 ANSWER 1 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 1998:324744 BIOSIS Full-text
DOCUMENT NUMBER: PREV199800324744
TITLE: Value of sheanut cake as a dietary ingredient for broiler chickens.
AUTHOR(S): Atuahene, C. C.; Donkoh, A. [Reprint author]; Asante, F.
CORPORATE SOURCE: Univ. Sci. Technol., Fac. Agric., Dep. Anim. Sci., Kumasi, Ghana
SOURCE: Animal Feed Science and Technology, (May, 1998)
Vol. 72, No. 1-2, pp. 133-142. print.
CODEN: AFSTDH. ISSN: 0377-8401.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 22 Jul 1998
Last Updated on STN: 22 Jul 1998

L3 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 1997:165877 BIOSIS Full-text
DOCUMENT NUMBER: PREV199799465080
TITLE: Biochemical and histological alterations in the liver of the broiler after ingestion of vegetable saponins and effects of dietary supplementation with adsorbents or methyl donor.
AUTHOR(S): Annongu, A. A.; Ter Meulen, U. [Reprint author]; Atteh, J. O.; Chinnah, T.
CORPORATE SOURCE: Inst. Tierphysiol. Tierernaehrung, Vellnerweg 6, D-37077

SOURCE: Goettingen, Germany
Archiv fuer Gefluegelkunde, (1996) Vol. 60, No.
6, pp. 267-272.
CODEN: AGEFAB. ISSN: 0003-9098.

DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 15 Apr 1997
Last Updated on STN: 15 Apr 1997

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DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
104 BUTYROSPERMUM
176 BASSIA
109 VITELLARIA
1 VITELLARIAS
110 VITELLARIA
(VITELLARIA OR VITELLARIAS)
96 PARKII
51 PARADOXUM
709 PARADOXA
137 (BUTYROSPERMUM OR BASSIA OR VITELLARIA) (S) (PARKII OR PARADOXUM
OR PARADOXA)
23247 "BUTTER"
962 "BUTTERS"
23352 "BUTTER"
("BUTTER" OR "BUTTERS")
65322 "TREE"
46322 "TREES"
93734 "TREE"

("TREE" OR "TREES")
 14 "BUTTER TREE"
 ("BUTTER" (W) "TREE")
 1043 SHEA
 11 SHEANUT
 1043 "SHEA"
 23247 "BUTTER"
 962 "BUTTERS"
 23352 "BUTTER"
 ("BUTTER" OR "BUTTERS")
 735 "SHEA BUTTER"
 ("SHEA" (W) "BUTTER")
 0 BAMBUK
 24 GALAM
 17564 SAPONIN
 16523 SAPONINS
 22718 SAPONIN
 (SAPONIN OR SAPONINS)
 16523 SAPONINS
 26 "BASSIC"
 4518496 "ACID"
 1611072 "ACIDS"
 5025931 "ACID"
 ("ACID" OR "ACIDS")
 26 "BASSIC ACID"
 ("BASSIC" (W) "ACID")
 22742520 PD<20020628
 (PD<20020628)
 L4 12 ((BUTYROSPERMUM OR BASSIA OR VITELLARIA) (S) (PARKII OR PARADOXUM
 OR PARADOXA) OR "BUTTER TREE" OR SHEA OR SHEANUT OR "SHEA BUTTER"
 " OR BAMBUK OR GALAM) AND (SAPONIN OR SAPONINS OR "BASSIC ACID")
 AND PD<20020628

=> d 14 1-12 ti

L4 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Antimicrobial properties and phytochemical constituents of the leaves of
 African mistletoe (*Tapinanthus dodoneifolius* (DC) Danser) (Loranthaceae):
 an ethnomedicinal plant of Hausaland, Northern Nigeria

 L4 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Phytochemical and antimicrobial studies on *Butyrospermum
 paradoxum*

 L4 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Value of sheanut cake as a dietary ingredient for broiler
 chickens

 L4 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Biochemical and histological alterations in the liver of the broiler after
 ingestion of vegetable saponins and effects of dietary
 supplementation with adsorbents or methyl donor

 L4 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Toxicological assessment of native and industrial fermented sheabuttercake
 in nutrition of broilers

 L4 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Isolation and properties of saponins from *Madhuca butyracea*
 seeds

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI The determination of the structure of the tetracyclic triterpene alcohol, basseol. II. The dehydrogenation of basseol and of bassenol-triterpenes of the β -amyrin group

L4 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI The contents of the shea nut, the seed of *Butyrospermum parkii*

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI Sapogenins. IX. Occurrence and constitution of bassic acid

L4 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI Sapogenins. V. Bassic acid

L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI Some African oil seeds

L4 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI The Seed of *Mimusops elengi*

=> d 14 2, 6-12 ibib

L4 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:45819 CAPLUS Full-text
DOCUMENT NUMBER: 134:338213
TITLE: Phytochemical and antimicrobial studies on *Butyrospermum paradoxum*
AUTHOR(S): Ogunwande, I. A.; Bello, M. O.; Olawore, O. N.; Muili, K. A.
CORPORATE SOURCE: Department of Pure and Applied Chemistry, Ladoke Akintola University of Technology, Ogbomoso, 4000, Nigeria
SOURCE: Fitoterapia (2001), 72(1), 54-56
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1987:530911 CAPLUS Full-text
DOCUMENT NUMBER: 107:130911
TITLE: Isolation and properties of saponins from *Madhuca butyracea* seeds
AUTHOR(S): Lalitha, Thaire; Seshadri, Ramachandran; Venkataraman, Lalgudi V.
CORPORATE SOURCE: Cent. Food Technol. Res. Inst., Mysore, 570 013, India
SOURCE: Journal of Agricultural and Food Chemistry (1987), 35(5), 744-8
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1951:29613 CAPLUS Full-text

DOCUMENT NUMBER: 45:29613
ORIGINAL REFERENCE NO.: 45:5129g-i,5130a-i,5131a-i,5132a-b
TITLE: The determination of the structure of the tetracyclic triterpene alcohol, basseol. II. The dehydrogenation of basseol and of bassenol-triterpenes of the β -amyrenol group
AUTHOR(S): Coelho, Fernando Pinto
CORPORATE SOURCE: Univ. Coimbra, Port.
SOURCE: Rev. faculdade cienc. Univ., Coimbra (1949), 18, 71-140
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1943:24552 CAPLUS Full-text
DOCUMENT NUMBER: 37:24552
ORIGINAL REFERENCE NO.: 37:3961i,3962a-b
TITLE: The contents of the shea nut, the seed of *Butyrospermum parkii*
AUTHOR(S): Bauer, K. H.; Moll, H.
SOURCE: Arch. Pharm. (1942), 280, 37-45
From: Chem. Zentr. 1942, I, 3120.
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1940:43305 CAPLUS Full-text
DOCUMENT NUMBER: 34:43305
ORIGINAL REFERENCE NO.: 34:6636i,6637a-i,6638a-b
TITLE: Sapogenins. IX. Occurrence and constitution of bassic acid
AUTHOR(S): Heywood, B. Jason; Kon, George A. K.
SOURCE: Journal of the Chemical Society (1940) 713-30
CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1939:54210 CAPLUS Full-text
DOCUMENT NUMBER: 33:54210
ORIGINAL REFERENCE NO.: 33:7809a-h
TITLE: Sapogenins. V. Bassic acid
AUTHOR(S): Heywood, B. Jason; Kon, George A. R.; Ware, Lancelot L.
SOURCE: Journal of the Chemical Society (1939) 1124-9
CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1936:4760 CAPLUS Full-text
DOCUMENT NUMBER: 30:4760
ORIGINAL REFERENCE NO.: 30:633g-i,634a-i,635a-i,636a
TITLE: Some African oil seeds
AUTHOR(S): Anon.
SOURCE: Bulletin of the Imperial Institute, London (1935), 33, 271-93
CODEN: BUIIAD; ISSN: 0366-4279

DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L4 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1911:3241 CAPLUS Full-text
DOCUMENT NUMBER: 5:3241
ORIGINAL REFERENCE NO.: 5:594g-h
TITLE: The Seed of Mimusops djave
AUTHOR(S): Fickendey, E.
SOURCE: Seifensieder-Zeitung (1911), 37, 165, 193-4
CODEN: SSZTAW; ISSN: 0371-3296
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

=> d hist full

(FILE 'HOME' ENTERED AT 21:31:01 ON 28 JAN 2008)

FILE 'BIOSIS' ENTERED AT 21:31:15 ON 28 JAN 2008

L1 61 SEA ABB=ON PLU=ON (BUTYROSPERMUM OR SAPOTACEAE OR "BUTTER
TREE" OR "BASSIA PARKII" OR SHEA OR SHEANUT OR VITELLARIA OR
"SHEA BUTTER" OR BAMBUK OR GALAM OR MOWRAH) AND (SAPONIN OR
SAPONINS OR "BASSIC ACID") AND PD<20020628
L2 61 SEA ABB=ON PLU=ON (BUTYROSPERMUM OR SAPOTACEAE OR "BUTTER
TREE" OR "BASSIA PARKII" OR SHEA OR SHEANUT OR VITELLARIA OR
"SHEA BUTTER" OR BAMBUK OR GALAM) AND (SAPONIN OR SAPONINS OR
"BASSIC ACID") AND PD<20020628
D L2 1-61 TI
L3 2 SEA ABB=ON PLU=ON ((BUTYROSPERMUM OR BASSIA OR VITELLARIA)(S)
(PARKII OR PARADOXUM OR PARADOXA) OR "BUTTER TREE" OR SHEA OR
SHEANUT OR "SHEA BUTTER" OR BAMBUK OR GALAM) AND (SAPONIN OR
SAPONINS OR "BASSIC ACID") AND PD<20020628
D L3 1-2 TI
D 1-2 IBIB

FILE 'CAPLUS' ENTERED AT 21:35:09 ON 28 JAN 2008

L4 12 SEA ABB=ON PLU=ON ((BUTYROSPERMUM OR BASSIA OR VITELLARIA)(S)
(PARKII OR PARADOXUM OR PARADOXA) OR "BUTTER TREE" OR SHEA OR
SHEANUT OR "SHEA BUTTER" OR BAMBUK OR GALAM) AND (SAPONIN OR
SAPONINS OR "BASSIC ACID") AND PD<20020628
D L4 1-12 TI
D L4 2, 6-12 IBIB

FILE HOME

FILE BIOSIS

FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
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RECORDS LAST ADDED: 23 January 2008 (20080123/ED)

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FILE COVERS 1907 - 28 Jan 2008 VOL 148 ISS 5
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| NEWS 3 JUL 28 | EPFULL enhanced with additional legal status information from the epoline Register |
| NEWS 4 JUL 28 | IFICDB, IFIPAT, and IFIUDB reloaded with enhancements |
| NEWS 5 JUL 28 | STN Viewer performance improved |
| NEWS 6 AUG 01 | INPADOCDB and INPAFAMDB coverage enhanced |
| NEWS 7 AUG 13 | CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998 |
| NEWS 8 AUG 15 | CAOLD to be discontinued on December 31, 2008 |
| NEWS 9 AUG 15 | CAplus currency for Korean patents enhanced |
| NEWS 10 AUG 27 | CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information |
| NEWS 11 SEP 18 | Support for STN Express, Versions 6.01 and earlier, to be discontinued |
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WPIDS, WPINDEX, and WPIX coverage of Chinese and
and Korean patents enhanced |
| NEWS 14 | SEP 29 | IFICLС enhanced with new super search field |
| NEWS 15 | SEP 29 | EMBASE and EMBAL enhanced with new search and
display fields |
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prophetic substances identified in new Japanese-
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number searching |
| NEWS 19 | OCT 22 | Current-awareness alert (SDI) setup and editing
enhanced |
| NEWS 20 | OCT 22 | WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
Applications |
| NEWS 21 | OCT 24 | CHEMLIST enhanced with intermediate list of
pre-registered REACH substances |

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SINCE FILE ENTRY TOTAL
SESSION
FULL ESTIMATED COST 0.21 0.21

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FILE COVERS 1907 - 7 Nov 2008 VOL 149 ISS 20
FILE LAST UPDATED: 6 Nov 2008 (20081106/ED)

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| COST IN U.S. DOLLARS | SINCE FILE | TOTAL | |
| | ENTRY | SESSION | |
| FULL ESTIMATED COST | 0.48 | 0.69 | |

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FILE COVERS 1926 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 5 November 2008 (20081105/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

=> s ((shea or kombo)(s)(kernel or nut or seed or pit or pip) or Butyrospermum or Vitellaria) and (meal or flour) and @pd<20020628
'20020628' NOT A VALID FIELD CODE

| | |
|--|---------------------|
| 332 SHEA | |
| 1 SHEAS | |
| 333 SHEA | (SHEA OR SHEAS) |
| 8 KOMBO | |
| 12970 KERNEL | |
| 8870 KERNELS | |
| 18062 KERNEL | (KERNEL OR KERNELS) |
| 9450 NUT | |
| 4799 NUTS | |
| 12541 NUT | (NUT OR NUTS) |
| 179439 SEED | |
| 108103 SEEDS | |
| 229603 SEED | (SEED OR SEEDS) |
| 11336 PIT | |
| 8462 PITS | |
| 18116 PIT | (PIT OR PITS) |
| 3135 PIP | |
| 548 PIPS | |
| 3567 PIP | (PIP OR PIPS) |
| 63 (SHEA OR KOMBO)(S)(KERNEL OR NUT OR SEED OR PIT OR PIP) | |
| 55 BUTYROSPERMUM | |
| 634 VITELLARIA | |

1 VITELLARIAS
634 VITELLARIA
(VITELLARIA OR VITELLARIAS)
57916 MEAL
15038 MEALS
65817 MEAL
(MEAL OR MEALS)
21869 FLOUR
4167 FLOURS
23019 FLOUR
(FLOUR OR FLOURS)
0 @PD<20020628
L1 0 ((SHEA OR KOMBO) (S) (KERNEL OR NUT OR SEED OR PIT OR PIP) OR BUTYROSPERMUM OR VITELLARIA) AND (MEAL OR FLOUR) AND @PD<20020628

=> s ((shea or kombo) (s) (kernel or nut or seed or pit or pip) or Butyrospermum or Vitellaria) and (meal or flour) and pd<20020628
332 SHEA
1 SHEAS
333 SHEA
(SHEA OR SHEAS)
8 KOMBO
12970 KERNEL
8870 KERNELS
18062 KERNEL
(KERNEL OR KERNELS)
9450 NUT
4799 NUTS
12541 NUT
(NUT OR NUTS)
179439 SEED
108103 SEEDS
229603 SEED
(SEED OR SEEDS)
11336 PIT
8462 PITS
18116 PIT
(PIT OR PITS)
3135 PIP
548 PIPS
3567 PIP
(PIP OR PIPS)
63 (SHEA OR KOMBO) (S) (KERNEL OR NUT OR SEED OR PIT OR PIP)
55 BUTYROSPERMUM
634 VITELLARIA
1 VITELLARIAS
634 VITELLARIA
(VITELLARIA OR VITELLARIAS)
57916 MEAL
15038 MEALS
65817 MEAL
(MEAL OR MEALS)
21869 FLOUR
4167 FLOURS
23019 FLOUR
(FLOUR OR FLOURS)
14978682 PD<20020628
(PD<20020628)
L2 2 ((SHEA OR KOMBO) (S) (KERNEL OR NUT OR SEED OR PIT OR PIP) OR BUTYROSPERMUM OR VITELLARIA) AND (MEAL OR FLOUR) AND PD<20020628

=> d 12 1-2 ti

L2 ANSWER 1 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Enzyme-assisted extraction of shea fat: Evidence from light
microscopy on the degradative effects of enzyme treatment on cells of
shea kernel meal.

L2 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI ALLANTOIN IN SHEA KERNEL.

=> d 12 2 ibib

L2 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 1977:215817 BIOSIS Full-text
DOCUMENT NUMBER: PREV197764038181; BA64:38181
TITLE: ALLANTOIN IN SHEA KERNEL.
AUTHOR(S): ATA J K B A; FEJER D
SOURCE: Ghana Journal of Agricultural Science, (1975) No.
8, pp. 149-152.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: Unavailable

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1152 SHEA

20 KOMBO

19834 KERNEL

10543 KERNELS

26665 KERNEL

(KERNEL OR KERNELS)

15240 NUT

7384 NUTS

19827 NUT

(NUT OR NUTS)

169741 SEED

106778 SEEDS

220803 SEED

(SEED OR SEEDS)

24056 PIT

20360 PITS

38720 PIT

(PIT OR PITS)

2973 PIP

500 PIPS

3395 PIP

(PIP OR PIPS)

176 ((SHEA OR KOMBO) (S) (KERNEL OR NUT OR SEED OR PIT OR PIP))

113 BUTYROSPERMUM

127 VITELLARIA

1 VITELLARIAS

128 VITELLARIA

(VITELLARIA OR VITELLARIAS)

66262 MEAL

22224 MEALS

75673 MEAL

(MEAL OR MEALS)

59220 FLOUR

16202 FLOURS

62799 FLOUR

(FLOUR OR FLOURS)

22773848 PD<20020628

(PD<20020628)

L3 14 ((SHEA OR KOMBO) (S) (KERNEL OR NUT OR SEED OR PIT OR PIP) OR BUTYROSPERMUM OR VITELLARIA) AND (MEAL OR FLOUR) AND PD<20020628

=> d 13 1-14 ti

L3 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Cosmetic composition for care of sensitive skin containing oleanolic acid

L3 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Enzyme-assisted extraction of shea fat: evidence from light microscopy on the degradative effects of enzyme treatment on cells of shea kernel meal

L3 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Enzyme-assisted aqueous extraction of shea fat: a rural approach

L3 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Enzyme-assisted aqueous extraction of fat from kernels of the shea tree, *Butyrospermum parkii*

L3 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Chemical composition of some plant products of the savanna forest zone of Nigeria

L3 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Integral technology of fat extraction and meal production from shea nuts

L3 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Coloring matter for foods

L3 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Allantoin in shea kernel

L3 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Solvent extraction of pelleted oilseeds and related materials

L3 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI A comparative study of anti-locust baits, with special reference to base materials

L3 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Sapogenins. V. Basic acid

L3 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Some African oil seeds

L3 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI Annual report of the agricultural chemist for the year 1933

L3 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

TI The uses of mowrah

=> d 13 3-7, 9, 11, 12, 14 ibib

L3 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:389362 CAPLUS Full-text

DOCUMENT NUMBER: 122:159111

ORIGINAL REFERENCE NO.: 122:29329a,29332a

TITLE: Enzyme-assisted aqueous extraction of shea fat: a rural approach

AUTHOR(S): Tano-Debrah, Kwaku; Ohta, Yoshiyuki

CORPORATE SOURCE: Faculty Applied Biological Sciences, Hiroshima University, Higashi-Hiroshima-shi, 724, Japan

SOURCE: Journal of the American Oil Chemists' Society (1995), 72(2), 251-6

CODEN: JAOCAT; ISSN: 0003-021X

PUBLISHER: AOCS Press

DOCUMENT TYPE: Journal

LANGUAGE: English

L3 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:80529 CAPLUS Full-text

DOCUMENT NUMBER: 122:54531

ORIGINAL REFERENCE NO.: 122:10585a,10588a

TITLE: Enzyme-assisted aqueous extraction of fat from kernels of the shea tree, *Butyrospermum parkii*

AUTHOR(S): Tano-Debrah, Kwaku; Ohta, Yoshiyuki

CORPORATE SOURCE: Fac. Applied Biological Sci., Hiroshima Univ.,

SOURCE: Higashi-Hiroshima, 724, Japan
Journal of the American Oil Chemists' Society (1994), 71(9), 979-83
CODEN: JAOCAT; ISSN: 0003-021X
DOCUMENT TYPE: Journal
LANGUAGE: English

L3 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1987:101056 CAPLUS Full-text
DOCUMENT NUMBER: 106:101056
ORIGINAL REFERENCE NO.: 106:16541a,16544a
TITLE: Chemical composition of some plant products of the savanna forest zone of Nigeria
AUTHOR(S): Farinu, G. O.
CORPORATE SOURCE: Dep. Biochem., Univ. Ilorin, Ilorin, Nigeria
SOURCE: Food Chemistry (1986), 22(4), 315-20
CODEN: FOCHDJ; ISSN: 0308-8146
DOCUMENT TYPE: Journal
LANGUAGE: English

L3 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1985:44632 CAPLUS Full-text
DOCUMENT NUMBER: 102:44632
ORIGINAL REFERENCE NO.: 102:7010h,7011a
TITLE: Integral technology of fat extraction and meal production from shea nuts
AUTHOR(S): Lanzani, A.; Bondioli, P.; Camurati, F.; Cardillo, M.; Gasparoli, A.; Mariani, C.; Fedeli, E.; Ponzetti, A.; Pieralisi, G.
CORPORATE SOURCE: Staz. Sper. Ind. Oli E Dei Grassi, Milan, Italy
SOURCE: Rivista Italiana delle Sostanze Grasse (1984), 61(7), 375-83
CODEN: RISGAD; ISSN: 0035-6808
DOCUMENT TYPE: Journal
LANGUAGE: Italian

L3 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1981:45843 CAPLUS Full-text
DOCUMENT NUMBER: 94:45843
ORIGINAL REFERENCE NO.: 94:7473a,7476a
TITLE: Coloring matter for foods
INVENTOR(S): Oura, Maremi; Tsumura, Haruo; Kubota, Hayato
PATENT ASSIGNEE(S): Fuji Oil Co., Ltd., Japan
SOURCE: U.S., 6 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| US 4229483 | A | 19801021 | US 1978-969261 | 19781214 <-- |
| JP 54095775 | A | 19790728 | JP 1978-1813 | 19780110 <-- |
| JP 59037059 | B | 19840907 | | |
| PRIORITY APPLN. INFO.: | | | JP 1978-1813 | A 19780110 |

L3 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1963:83142 CAPLUS Full-text
DOCUMENT NUMBER: 58:83142

ORIGINAL REFERENCE NO.: 58:14325h,14326b
TITLE: Solvent extraction of pelleted oilseeds and related materials
AUTHOR(S): Pritchard, J. L. R.
CORPORATE SOURCE: J. Bibby Sons Ltd., Liverpool, UK
SOURCE: Journal of the American Oil Chemists' Society (1963), 40(No. 4), 22,34,39
CODEN: JAOCA7; ISSN: 0003-021X
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L3 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1939:54210 CAPLUS Full-text
DOCUMENT NUMBER: 33:54210
ORIGINAL REFERENCE NO.: 33:7809a-h
TITLE: Sapogenins. V. Basic acid
AUTHOR(S): Heywood, B. Jason; Kon, George A. R.; Ware, Lancelot L.
SOURCE: Journal of the Chemical Society (1939) 1124-9
CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L3 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1936:4760 CAPLUS Full-text
DOCUMENT NUMBER: 30:4760
ORIGINAL REFERENCE NO.: 30:633g-i,634a-i,635a-i,636a
TITLE: Some African oil seeds
AUTHOR(S): Anon.
SOURCE: Bulletin of the Imperial Institute, London (1935), 33, 271-93
CODEN: BUIIAD; ISSN: 0366-4279
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L3 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1927:14049 CAPLUS Full-text
DOCUMENT NUMBER: 21:14049
ORIGINAL REFERENCE NO.: 21:1719b-c
TITLE: The uses of mowrah
AUTHOR(S): Carlos, A. S.
SOURCE: Fertilizer, Feeding-Stuffs and farm Supplies J. (1926), 11, 858
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

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D L2 2 IBIB

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OR PIT OR PIP) OR BUTYROSPERMUM OR VITELLARIA) AND (MEAL OR
FLOUR) AND PD<20020628
D L3 1-14 TI
D L3 3-7, 9, 11, 12, 14 IBIB

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FILE LAST UPDATED: 6 Nov 2008 (20081106/ED)

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